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Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 9, 2016

William Bown
B&T Rox, Inc.
842 West 400 North
West Bountiful, UT 84087

Subject: Deficient Notice of Intention to Commence Small Mining Operations, B&T Rox, Inc., Rainbow Ridge Quarry, S/003/0089, Box Elder County, Utah

Dear Mr. Bown:

The Division has reviewed the referenced Notice of Intention to Commence Small Mining Operations (NOI), and the following items will need to be addressed before the NOI can be determined complete:

1. Please provide a cultural resource survey/report that covers the areas of the proposed quarry and access road. If one has not been completed, you will need to retain a qualified archaeologist to do a survey for you. The Division cannot permit new disturbances without a cultural resource clearance.
2. The proposed area is within the Box Elder Greater Sage Grouse management area. As such, the Division will need to consult with the Utah Division of Wildlife Resources to determine what impacts your operation may have on the greater sage grouse, and develop appropriate mitigation for any impacts that may occur. This consultation generally requires a site visit, which due to winter conditions at the site will likely not be completed until April. We will notify you as to when this gets scheduled so that you may attend the site visit if you desire. No disturbances will be allowed until this consultation is completed
3. Your NOI indicates that you anticipate no improvements to the public access road. The only public access road the Division is aware of in the area is the FS access road from the Dove Creek Road into Clark' Basin. The route shown on your map from the Dove Creek Quarry Main Quarry to where your proposed new road begins is a private road. This road crosses several seep/spring areas, and may require improvements or re-routing to avoid impacts to the surface and ground water systems.
4. Before the Division can approve this project, you will need to provide an acceptable form and amount of surety, and a reclamation contract. The proposed surety amount for this project is \$39,500.00 (3-year escalation) or \$40,300.00 (5-year escalation) based on the Division's Average cost per acre for reclaiming small mines (see table below for how this amount was determined).



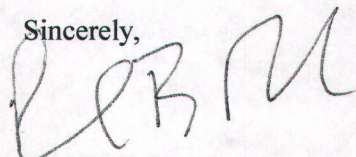
<i>Rainbow Bridge Mine</i>			
<i>S/003/0089</i>			
<i>3-year escalation (2019)</i>			
<u>Item</u>	<u>Qty</u>	<u>Unit Cost</u>	<u>Total Cost</u>
1st Acre Disturbance	1	\$8,000.00	\$8,000.00
Add'l Acres Disturbance	6	\$5,000.00	\$30,000.00
General Mob/demob >50 miles	1	\$1,500.00	\$1,500.00
TOTAL			\$39,500.00
<i>5-year escalation (2021)</i>			
<u>Item</u>	<u>Qty</u>	<u>Unit Cost</u>	<u>Total Cost</u>
1st Acre Disturbance	1	\$8,200.00	\$8,200.00
Add'l Acres Disturbance	6	\$5,100.00	\$30,600.00
General Mob/demob >50 miles	1	\$1,500.00	\$1,500.00
TOTAL			\$40,300.00

If you prefer to have a site-specific bond calculation, you will need to provide a detailed reclamation plan and associated, verifiable costs to the Division. The Division will still need to review and approve the amount.

Please provide your response as replacement pages to your original NOI, using Form MR-REV-SMO/EXP, available on the Division's web site at www.ogm.utah.gov.

Please call Lynn Kunzler at 801-538-5310 or myself at 801-538-5261 if you have questions concerning this letter. In reply, please refer to file number S/003/00089. Thank you for your cooperation.

Sincerely,



Paul B. Baker
Minerals Program Manager